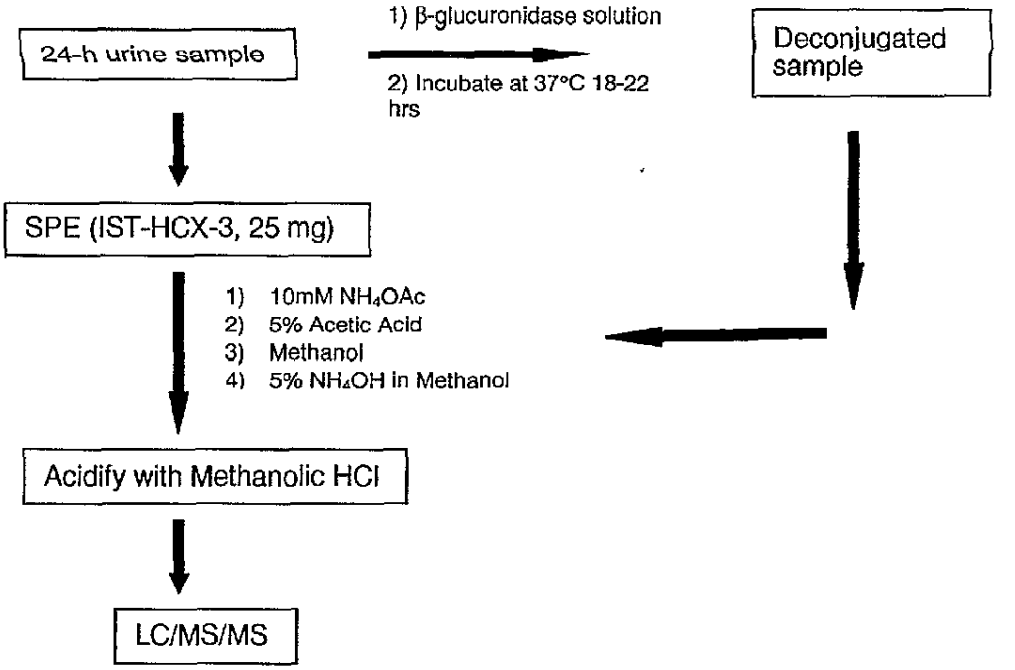

HPLC Conditions
Column: 10 cm x 2.1 mm Phenomenex 3 µm Phenyl-Hexyl at 50°C
Mobile Phase: NH_4OAc/Methanol/Et_3N (65:35:0.002 v/v/v); 0.2 mL/min

MSMS Conditions: Positive ion with heated nebulizer
Transitions monitored

163.2	→	84.0	(nicotine)
177.1	→	80.1	(cotinine)
193.2	→	80.1	(t3'OH-COT)
166.2	→	87.0	(nicotine-d_3)
180.1	→	80.1	(cotinine-d_3)
196.2	→	80.1	(t3'OH-COT-d_3)

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Source: https://www.industrydocuments.ucsf.edu/docs/nrdk0001